



GOVERNOR URGES 5-YEAR PLAN FOR HIGHWAY MODERNIZATION

Recommends New Roads and Reconstruction As Vital to State's Economic Development

In his annual message to the Legislature, Governor Walter E. Edge urged that immediate steps be taken to modernize New Jersey's system of highways. That portion of his message wherein the Governor discusses this vital problem is reported in full.

"Our first great post-war public works program must be to relieve highway congestion, particularly in the metropolitan area of the State. While at one time the State highway system was a model for the Nation, in the last ten years construction has fallen far behind the actual needs, due, in part, to a prolonged depression, when large scale diversions of highway revenues, principally for direct relief, were needed to avoid new taxes, and in part to war conditions, when all nondefense construction had to cease.

"New Jersey's highways are subjected to an abnormal strain of north and south traffic. For example, Route 25, the busiest highway in the world, is carrying an average of 60,000 cars daily in and around Newark, with peak loads of 102,000 vehicles, although originally it was designed for a maximum capacity of 36,000 cars daily. Such congestion must be relieved unless our economic prosperity is to suffer.

"All told more than one-third of our present 1,700 miles of State highways, which cost \$350,000,000, are now obsolete or in need of reconstruction which it is estimated would cost \$193,000,000 to complete. In addition, the Legislature has authorized the construction of 616 miles of additional highways to complete the framework of our highway system, at an estimated cost of \$312,000,000. Obviously, with such tremendous sums required to modernize our highway system, any program must be viewed on the basis of long-range planning.

Recommends Route 100

"I am, accordingly, recommending a five-year highway construction program, to be financed by annual appropriations in conjunction with the expected \$9,400,000 to be received under the Federal Aid Highway Act annually during the next three years. With the gasoline tax revenues showing every indication of reaching an all-time peak with the resumption of peacetime traffic, I am confident an adequate highway construction program can be financed on a cash basis. I wish to make this very clear; I am unalterably opposed to a long-term bond issue to finance these highway improvements, since the interest costs alone would amount to a large portion of the principal and each generation in normal times should meet its own obligations. By following that formula you will always have a balanced budget.

"As a first step in this program, I am recommending the construction of Route 100 east of Route 25, from the Raritan River across the industrial areas and meadows to connect with the Lincoln Tunnel and the George Washington Bridge, in order that through traffic to and from New York can by-pass the congested industrial sections of Newark, Elizabeth, Linden, Rahway and New Brunswick. Final cost of Route 100 has been estimated by the Highway Department at \$50,000,000, although parts can be put into operation on a year-to-year basis at a far more modest figure.

Urges Parkway Construction

"The second major north-south arterial route would run west of Route 25 and would be limited to passenger vehicles. It would become the first major parkway development in the State. Like Route 100, it would be built in sections to relieve congestion, but would ultimately connect with the New

Road Undermined In Stacy Park

Department Forces Disclose
Dangerous Condition Under Pavement

A sizeable hole in the grass triangle in front of the War Memorial Building in Stacy Park, Trenton, immediately developed during the first week of the new year.

Prompt action by Department forces to determine its cause revealed that an extensive washout had occurred under the main highway through the park and the street was immediately closed to traffic.

While the surface of the roadway showed only a slight subsidence, exploratory measures revealed that only the actual paved portion of the roadway supported by steel reinforcing bars protected traffic from falling into the yawning cavern created when the subsoil under the pavement was washed away.

The prompt discovery of this condition and the immediate closing of the roadway averted all chances of a serious accident on this heavily traveled artery.

The washout was caused by a break in a storm drain carrying water to an underground culvert known as Petty's Run which flows through Stacy Park to an outfall in the Delaware River. Repair are being made jointly by State and city forces.

The exploratory work which disclosed the extent of the washout conducted by Foreman Joseph Vizzini and his Institutional Road Crew under the supervision of Construction Supt. M. A. Lanzara and Supt. of Maintenance Alex W. Muir.

York Parkway System at the northernmost end of the State, probably along Route 6, and connect with Route 4 passing through Passaic, Essex and Union Counties west of Route 25. Somewhere in the neighborhood of Bound Brook the highway would be divided, with one branch going west of New Brunswick and along the line of Princeton to Trenton. The other section would connect with the seashore area and ultimately have its southern terminus at Cape May, thus providing a scenic parkway limited to passenger and pleasure vehicles traversing the State from end to end.

"Much of this parkway would make use of existing highway facilities through their modernization and enlargement. Aside from funds to initiate these two major north-south routes, I will recommend in my Budget Message appropriations to improve some existing highway facilities in critical areas of the State in order to provide immediate relief and also a more liberal policy toward improving so-called rural roads. This program is, in my judgment, one of the most important single proposals that I have the honor to make to this Legislature. I commend it to your earnest consideration."

Forward in 1946

"Ring out the old, ring in the new." These familiar words from Alfred, Lord Tennyson's poem In Memoriam are ever words of high resolve in which to begin a new year. They will have an added significance for all of us as we begin our first year of peace in America.

As we stand upon the threshold of 1946 it will not be simple to "ring out the old" and forget all the legacies of these war years. A Nation that has suffered a million casualties, that has drawn prodigiously upon its national resources for an unparalleled production of the weapons of war, and has burdened itself with a debt of \$300,000,000,000, to defeat tyranny in the world cannot wipe the slate clean at one stroke. The Global Struggle has gone too deep and the victory bought at too dear a price for such a procedure.

But that is not the meaning of these words. "Ring out the old, ring in the new" is an injunction to face the future unafraid and with high courage. It is the mood of a forward-looking attitude. It is the counsel which bids us advance and make our tomorrows better than our yesterdays. We can do this if we will.

The year 1946 should be a year of unlimited opportunities for us in the State Highway Department. We have a new parkway and freeway law under which to design and plan our modern highways; new funds with which to build; new ideas brought to the Department by returning veterans with which to vitalize our activities; a new and mighty impetus given by the Governor in his message to the Legislature. All of these should give us a new stimulus to cooperative action.

In that spirit I greet each member of the Department at the beginning of the New Year. Let us together go forward to achieve the best year of service to the people of this state in highway history.

Spencer Miller, Jr.
State Highway Commissioner

STATE-WIDE PLANNING SURVEY OFFERS VALUABLE INFORMATION CONCERNING NEW JERSEY ROADS

Results of Fact Finding Are Available to All Divisions of
State Highway Department

If you have a query regarding a New Jersey road, or adjacent property, whether it be a State Highway or otherwise, the chances are that the State Wide Planning Survey will be able to supply the desired information with a minimum of delay.

This office, located in the Newark Junction office building, performs one of the lesser known functions of the Highway Department, that of gathering valuable data for future construction. It was established in 1938 as a fact finding agency in cooperation with the Public Roads Administration of the Federal Works Agency. Provision for the Planning Survey had been made in the Hayden-Cartwright Act, passed by Congress in 1934.

This act, in addition to providing financial assistance for secondary road development, also provided that "not to exceed 1 1/2 per centum of the amount apportioned for any year to any State . . . may be used for surveys, plans and engineering investigations for future construction in such State either on Federal-aid highway system . . . or on secondary or feeder roads." Subsequent Federal legislation has provided for the continuation of the Planning Survey on the same basis.

Extensive Surveys Made

The work of the Planning Survey is divided into three general phases, namely:

1. Road Inventory Survey—a study of the extent and condition of all road systems in the State.
2. Traffic Survey—a study of the relative uses made of the facilities.
3. Financial Survey—
 - a. fiscal study
 - b. motor vehicle allocation study
 - c. road use study
 - d. road life study

Under the Road Inventory Survey it was necessary to secure a complete physical inventory of all roads in the State. This meant that every mile of highway in rural areas which was open to travel by automobile was covered by inventory parties in cars equipped with special odometers for measuring distances.

All physical characteristics were noted, including length, width, type and condition of improvement, bridges over five feet, adjacent property improvements such homes, factories, business establishments, churches, airports, parks and recreational centers, etc. This survey was also carried into urban areas on all through and

(Continued on Page 4)

Announce Winners Of Suggestion Box Poster Contest

Two Feminine Artists
Among Those Receiving
Special Recognition

A wealth of original ideas and excellent draftsmanlike greeted the judges in the 2nd annual Suggestion Box poster contest, the results of which were announced by Commissioner Miller at the Christmas gathering of Highway employees.

The competition was so close that the judges, Commissioner Miller, Mr. Eugene V. Connett, and Mr. P. Raymond Smith, designer for the R. C. Maxwell Company and instructor in poster design at the School of Industrial Arts in Trenton, spent considerable time in an atmosphere of furrowed brows before arriving at their final decisions. See page 4.

It has been decided that not only the winning poster, but those receiving honorable mention as well, will be used in publicizing the Suggestion Box during the coming year.

Plans Celebration On February 26th

Miller and Noble Among
Speakers at 15th Annual
Bridge Division Dinner

The Bridge Division Club of the State Highway Department will hold its 15th Annual Dinner and entertainment at the Robert Treat Hotel in Newark on the evening of February 26th.

As has been the custom in previous years, this affair will not be limited to members of the Bridge Division, but they will be joined by several hundred of their friends from both within and without the Department.

President Sven Hedin announces that both State Highway Commissioner Spencer Miller, Jr., and State Highway Engineer Charles M. Noble have given assurances that they will attend this meeting and bring an important message concerning post-war parkway and freeway construction in New Jersey.

The committee in charge of arrangements consists of Wilbur H. Spencer, chairman, Robert E. Simon, A. Paul Gabrenas and J. J. Koffler, assisted by club secretary John F. Evans, Jr.

State Bridge Men Elect Officers

At a regular meeting of the State Bridge Employee's Association held in the Hotel Packer, Perth Amboy on December 28th, the following were elected to office for the coming year: President, James Lipari; 1st vice-pres., Harold Lloyd; 2nd vice-pres., Chas. D. Simonton; 3rd vice-pres., Orville Stillwell; Financial Sec., Harry H. Ober; Treasurer, Harold Vaughn; Sgt.-at-arms, Donald Thomas.

In addition to the above, George F. McKnight was elected to serve as trustee for a period of three years.

At the next regular meeting of the organization, which will be held on January 25th, all standing committees will be appointed for the next year.

Credit Union Meets

The State Highway Credit Union will hold its Third Annual Meeting in the Board Room at the State House Annex on Friday, January 25th. The business of this meeting will be largely confined to the election of members to the Board of Directors, Credit Committee and the Examining Committee.

THE HIGHWAY

Published by the New Jersey State Highway Dept.
in the interests of its employees

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A SYMBOL PASSES

During the war years it was the proud privilege of THE HIGHWAY to list each month the names of our fellow-employees entering the armed services of their country. We all watched with pride as our Honor Roll grew from a meagre few until it reached a total of 435—nearly 20% of our male employees. And we looked with sadness and a feeling of real personal loss when gold stars were placed beside the names of six of these men.

When the war was at last over, we looked forward to the return of each of these veterans, and were gratified to see them come home and assume their peacetime employment in ever-increasing numbers. Today most of them are out of uniform and the few who have not rejoined us will do so before long. Therefore, the Honor Roll is being taken from its familiar place in THE HIGHWAY with a feeling of "well done." The exploits of those whose names it proudly bore will long remain an inspiration to all. They played an important role in one of the great epochs of history.

WELCOME

With the appointment of Charles M. Noble as State Highway Engineer, the post-war phase of New Jersey's long overdue highway program is at last ready to get under way with full steam ahead. During the war years the position of State Highway Engineer was capably handled by our Construction Engineer, Frank C. Bedwell. This doubling-up of important positions was made possible not only through the ability of the man who handled both jobs, but also because highway construction was at a low ebb, despite the completion of such projects as that at Pictinny Arsenal, the Bayonne Naval Base, the Fort Lee access road, and the work on Route 28 at Phillipsburg.

In the years ahead, however, both the office of State Highway Engineer and that of Construction Engineer will require the full-time services of capable executives. In this respect the State Highway Department is indeed fortunate in having these positions filled by men of such calibre. THE HIGHWAY takes pleasure in extending to Commander Noble a hearty welcome from Highwaymen throughout the state.

ELECTRICAL FLASHES

John Kilpatrick

EM 1/c George J. McGinnis has been discharged from the Navy after 1 year and 8 months service and will be back to work January 16th as Electrical Foreman.

EM 1/c Richard D. Goldy has been discharged from the Navy after 1 year and 8 months service and will be back to work January 18th as Electrical Foreman.

It's not often that a member of the Highway Department has his name in a book, but the Electrical Division can point with pride to Horatio T. Cramer, Bridge Operator, Grade III, on the Route 4 Mullica River Bridge. Tate's name not only appears in the book "Jersey Genesis", a whole chapter has been written about him. The book, by Henry C. Beck, is a history of the life and customs of the Mullica River Valley.

Thomas J. Dempsey, Bridge Attendant, Grade I on the Route 10, Wittpenn Bridge, Jersey City, retired January 1 after 15 years service with the State Highway Department. He had been employed by Hudson County for 20

years prior to 1931 when the State took over operation of the Wittpenn Bridge. We trust that he will enjoy a long retirement.

Frank E. Norton, Assistant Chief Bridge Operator on the Route 25M Hackensack River Bridge, Kearny retired January 1 after 22 years service with the Highway Department. He had been employed by Hudson County for 10 years prior to the time the State took over operation of the bridge. We sincerely hope that you will have a long life to enjoy your interest in travel to historical sites.

Carl A. Sanborn

Carl A. Sanborn, a veteran employee of the Woodlyne Office, died suddenly on Sunday, December 16. Mr. Sanborn, a Highway Inspector who was assigned to the Airport Circle job, had worked throughout the preceding day at his regular duties.

He was born in Concord, N. H., on April 7, 1879, and entered the employ of the Highway Department on July 7, 1925. He will be favorably remembered by all who knew him throughout the more than twenty years he spent with the Highway Department.

Mr. Sanborn is survived by his widow, Mrs. Agnes A. Sanborn, to whom the employees of the Department extend sincerest sympathies.

CONSTRUCTION COMMENTS

Fred C. Claus

MONTCLAIR OFFICE

David Pettigrew

We are all glad to welcome back our former chief, Lt. Col. W. L. Braybrooke, who saw active service in the African, Middle East and European theatres of war. Col. Braybrooke has been away about three years during which time his place was filled by Howard N. Rigby. During his service overseas he had extensive experience with aerial photographs, maps and plans of all descriptions having charge of keeping the advancing armies of Generals Patton, Hodges, and others supplied with sufficient data in order that our armies could advance with the utmost speed in a country where maps were the only guide. Col. Braybrooke has some interesting maps and plans of all kinds, French, English, and even the German plan of London, with all military objectives designated, which they had intended to destroy including the City of London itself. Besides a mass of plans and data brought back from the European war, Col. Braybrooke also has a plethora of good stories to narrate.

Captain Ronald Crawford, formerly of the U. S. Army—currently of the State Highway Department—will be ex-Highway after January 16th, when he resigns to take over the position of Asst. Borough Engineer and Supt. of Public Works of the Borough of Mountain Lakes. We wish him every success in his new undertaking.

Charles Van Antwerpen and wife were the proud and happy recipients of a bundle from heaven on New Year's Day. It is reported that mother and daughter are doing well. Congratulations!

Wonders will never cease. We welcome back our own Dudley Demarest—and lo and behold he has taken unto himself a wife. Well anyway, Dud., all the boys in the office tender their heartiest congratulations to you and the "Mrs." This leaves but one eligible bachelor in the office—how about it, Frank?

Sorry to report the illness of Roger Coupe. It seems that Roger tangled with some flu germs and came out a poor second.

PERTH AMBOY OFFICE

Howard F. Koons

First Lieutenant Virginia Harris, Army Nurse Corps, youngest daughter of Mr. and Mrs. William Harris, Seaside Park, will be married shortly to Lieutenant Fred J. Latham, Army Air Corps.

Mr. and Mrs. James W. Hiller of Ocean Grove announced the marriage of their daughter, Donna, to Captain Albert Trakowski, Army Air Corps, on December 15, 1945. Miss Miller is a Junior at Middlebury College, Middlebury, Vermont.

Captain Trakowski served overseas and is now stationed at Camp Evans, New Jersey, in charge of the laboratory as a Meteorologist.

Howard Davis is now on vacation somewhere in the deep South. Howard said he will probably spend his bachelor days, after retirement, in the land of sunshine.

George Jorgensen has gone to the West Coast with his family for the sunshine vitamins.

Howard Davis and George will undoubtedly endorse the ads of the Chamber of Commerce in Florida and California. We will then have to form our own opinions as to the merits of the two places.

Many Thanks

I wish to take this opportunity of thanking the many Highway employees who were so kind as to send me Christmas cards. I hope that each of you will realize that this thoughtfulness on your part was greatly appreciated, but that it would be practically impossible for me to acknowledge each one individually. Therefore, please accept this expression of my appreciation.

EUGENE V. CONNETT
Administrative Assistant

Bill Reins of Belmar is spending his vacation between Belmar and Asbury Park. The sea water is too cold for Bill, so he will have to be content to stroll on the boardwalk.

Bob Wilcox returned to his duties in the Perth Amboy Office this month after discharge from U. S. Army. Bob has also taken unto himself a wife. Congratulations, Bob.

Rudy Peterson, Linden, has also made an appearance in the office and has been discharged from the U. S. Army. Rudy was overseas in the European Theatre for about two years with Headquarters and Service Company of the 652d Engineer Battalion. He will return to active duty with the Highway Department at the beginning of the new year.

WOODLYNE OFFICE

Wm. Hurley

Tom Pierce and Ben Franklin acted as pall bearers at the recent funeral of Carl A. Sanborn, whose passing was a source of deep regret to the Woodlyne Office.

Rather than embarrass those perennial nimmers, Roy Weathering, Paul Tusing, Wayne Tusing, and Abe Eisenberg, we will make the following as brief as possible—NO DEER!

Two more veterans returned to us on the first of the year. They are Commander William Burnside Dallas, who spent 3½ years in action in both the Aleutians and the South Pacific, and Captain Robert Haight, whose 4 years were spent in the European theatre with the artillery. To both—a hearty WELCOME BACK.

The survey party headed by George Edwards and including Ben Franklin, R. Heintze, Al Hinken and Paul Tusing, which was loaned to the Pleasantville Office, has returned to the fold, high in their praise for the work being done down that way and for the good fellowship shown by men in that office.

Earl Hagy's son has arrived home after plenty of Pacific action as a member of the crew of the U. S. S. Alaska. He is at present enjoying a 30-day furlough.

Sam Fabian, a 6'-2", 210 lb., ex-marine, who joined the Woodlyne office last November, has resigned to take up work in Philadelphia. Lots of luck, Sam.

(Because of the modesty of Bill Hurley the following items were supplied by others. They deal with the war activities of Bill's three sons, aged 19, 20 and 21. Ed.)

Richard, the oldest, has been in the army since Feb., 1942. Since April, 1943 he has been in Europe with an anti-aircraft outfit and at present is located in Germany.

Robert, the second son, is a coxswain in the navy. He served as an armed guard on Merchant ships and recently was transferred to the Pacific where he met his kid brother on Guam.

Edward, the youngest of the trio, is serving on an LSM in the Pacific. At present he is traveling between the Philippines and Yokohama. Bill is looking forward to the day when all three are home again.

TRENTON OFFICE

Alex Cohen

Due to a regrettable oversight, the fact that our amiable paymaster, Captain Ben Stokes, has returned to duty as Senior Auditor went unreported in the last issue of "The Highway." Ben went into service with the Air Forces as Second Lieutenant and within short order rose to the rank of Captain. His travels carried him to every State in the Union but two. The Hawaiian Islands and other distant places also became familiar points of destination. It's good to see you back, Ben.

Grandfather

L. C. Petersen joined the ranks of the divisional grandfathers with the advent of Patricia Ann, born to his daughter Mrs. Marjorie Brown, in Pensacola, Florida, on December 30th. "Pete" will be heading south shortly to see the 7-lbs. of fluff and incidentally absorb some sunshine and golf before returning with Mrs. Petersen.

BRIDGE BRIEFS

A. J. Lichtenberg

Visions and pleasant memories of days spent on the Alcan Highway came back to Arthur H. Steter recently when he met Herbert C. Lanks author of "Highway to Alaska." Mr. Lanks was on a lecture tour when Arthur met him. Construction days came back vividly when Arthur saw pictures of his Koidren River Bridge No. 2 and the White River bridge both located about 240 miles north of White Horse.

William C. Simon joined the office force on Dec. 17th as a Junior Highway Engineer. Mr. Simon recently returned from over three years service in India and Burma where he worked on bomb sights. He was educated in Trenton, Roehling and Burlington and attended Akron University. He was employed in the engineering department of the Ohio Power Co. at Canton, Ohio before entering the service. Welcome William, and to the curious—no, he isn't related to Robert Eddie.

A number of suggestions were received concerning a technical department library but it wasn't until Geo. A. Hefferman's idea of a centralized highway department library came along that we had something to translate into a workable plan. Since its establishment the book and periodical list has grown from 200 to 1200 and the circulation list has grown proportionately. Requests for specialized information have increased and the library has a daily reference use. Its worth will be increased thru the request plan for new and useful texts. We are pleased that the idea came from the Bridge Division and that George received a Certificate of Merit for an idea so generally useful and valuable.

BRIEFS: Chester P. Smith deep in "A History of Russia" . . . L. C. Petersen, Wm. C. Umberger and A. J. L. "Ice Follies" devotees . . . J. F. Evans holidaying in Waterbury, Conn., and looking over their bridges . . . Paul Gabrenas a hospitable host to the gag celebrating the New Year . . . Bill Higgins advanced to a supervisory position with the Treasury Department and with offices in the Empire State Building . . . George Peel a radiant visitor . . . It has been wisely pointed out that a man's age can be measured by the degree of pain he feels as he comes in contact with a new idea . . . Sven Hedin hob-nobbing with the Consul General of Honduras and several first families as a New Year started . . . Jack Everett in from the Pacific, again a civilian, and looking his best . . . A cheerful letter from the Commander W. F. Hunter anticipates his return from California in April or May . . . Bridge Division Annual Dinner . . . Robert Treat Hotel—Newark, on February 26th . . . Remember—if you want winter to pass quickly just sign a 90 day promissory note.

LABORATORY LINES

Norm Schaller

Jennie Majeski has returned to her desk after vacationing in Florida.

John Henry is back after renewing friendship with some of the boys and girls from the old sod in Newark and New York.

Tom MacRorie is another who has returned to work after spending his vacation with his family in the South.

Other returnees from vacation include H. Diendorf, R. Sherman, E. Pollock, F. McDermott, L. Vogts, E. Baumann and W. Ryan.

Maurice Raub is confined to his home with a severe cold. We wish him a speedy recovery.

Jim McDonough had an extremely pleasant experience on Sat., Jan. 5, at Fort Dix. He boarded an Army A-26 for a test flight and he still wonders whether they were testing him or his ship.

Your M. C. presents— THE LADIES... Bless Them

Our last column opened with the statement that were we "predicting" columnists, we could foretell the number of girls who would leave us in the coming year. The item which followed, introducing our first two resignations, needs be edited at this time due to an error which may have been confusing. The resignation was that of **Anne Spector**.

As of January 15th, **Marie Cristian** takes her leave of the Department. Although they are happy tasks which confront her, we cannot help but chorus "We hate to see you go" and hope that her visits will not be few and far between.

The luncheon held by the girls of Mr. Hurley's staff, at the Carteret Club, in honor of **Betty Durisin**, was their way of saying "Good luck, may your new duties be happy ones and good-bye for now."

Bernadette Johnson, who was married on January 19th, was "showered" with linens at Weinman's by her Highway friends. The Divisions were well represented by **Peg Cullen**, **Ruth Moran**, **Betty Meskill**, **Margaret Anderson**, **Marion O'Hara**, **Helen Canyil**, **Helen Tallon**, **Florence Millerick**, **Viola Gallagher**, **Pauline Wieland**, **Mary Harris**, **Claire Laczoni** and **Mabel Beans**.

That the return of our service men has had an effect on our personnel is obvious. There is no doubt in our minds that the beautiful diamond worn by **Dorothy Elann** spells "amour." Of that fraternity pin being sported by **Lorraine Finkle** these days are not so sure. Could that possibly spell the same thing, **Lorraine**?

The "Nymphs" at the Stacy Trent report that one of the many holiday luncheons witnessed by them was attended by **Miriam Devin**, **Helen Tallon**, **Pauline Wieland**, **June Walter**, **Alice Carrell**, **Marie Cristian**, **Mac Howell**, **Kathryn Laughry** and **Mary Sheridan**.

Viola Gallagher (to whom waiters inevitably voice the question "Ginger ale and what did you say?" and who replies just as promptly, "Ginger ale"), while easing her car out of a tight parking space, asked your M. C.s in an oh-so-serious and sincere manner, "Girls, is my motor running?"

The thought of tanning under the Florida sun has had your M.C.s drooling for the past month. Basking in their reflected glory, we're happy to report that **Jennie Majeski** and **Alice Mayer** of the Laboratory are the lucky gals.

With **Mary Harris** fully recovered from her siege of pneumonia and now back to work, we regret to learn that **Kathryn Laughry** has been stricken with the same illness. From latest reports, however, we understand that she is doing well.

Mrs. Bertha J. Cunningham, wife of Joe Cunningham of Sam Bullock's office, formerly employed in the Hamilton Township O.P.A. office and now working in the office of J. W. Aymar, recently entertained **Ann Manion**, **Agnes St. John**, **Josephine O'Hara** of the Real Estate Division, and **Mary Cunningham** of the Administration Division, sister of Joe Cunningham.

Bye now.

Returns to Newark

Tom Buis has returned to duty with Equipment Division after 3 years service with the Army. Attached to General Patton's 3rd Army as a supervisor of artillery weapons, Buis fought his way through France and into Germany. As mementos, he wears three battle stars and a Presidential Unit Citation. He says he will always remember the Battle of the Bulge as his most exciting experience.

RECEIVED HONORABLE MENTION

the Suggestion Box is your Mouthpiece

Use it

This poster, drawn by **Claire Laczoni**, was another which received Honorable Mention in the annual Suggestion Box Poster Contest. This year's contest brought out a record number of 18 entries.

Administration Division

Arthur Egan

As **Commissioner Miller** put it at the Christmas gathering, no greater sorrow can come to anyone than the loss of one's mother. This is the more poignant when it happens in the Christmas season. Heartfelt sympathy is therefore extended to **Carman Davis**, whose mother passed away just a few days prior to Christmas.

Sgt. Frank Lacomchick, now stationed at Fort Devens, Mass., visited the office during the holidays. Frank is happy about the prospects of his receiving a release from the army sometime this month.

Members of **Marvin Howell's** staff held their annual Christmas get-together at Trionfetti's. In addition to Mr. Howell, those in attendance included **Harold Rice**, **Cyrus Card**, **Harold Jemison**, **Harold Palmer**, **Dave Rodman**, **Frank Allen** and **George Dederick**. The boys report an excellent meal and a most congenial social affair.

Sgt. Charles Hurley, Jr., writes that he expects to be aboard the U. S. S. General Tallon when she sails from India for the States. Charlie sent along the Christmas menu which included everything from soup to nuts and a few extras. Incidentally, this has been his fifth Christmas away from home.

A piece of shrapnel that was lodged in the back of **Frank Ricketti's** knee worked itself out and his leg has become badly infected. It may be necessary to operate in an effort to clear up the infection. An affirm reminder to Frankie of the Beach at Salerno.

On a recent visit to the Newark Office along with **Paul Cranmer** we had a few minutes conversation with **Mary Craig**, **Margaret Hennessy** and **Frank Bird**, who worked with us here in the Annex for several years. They were inquiring about many of their old friends here and wanted to be remembered to them all.

CHATTER: **Gene Palmer** is still convalescing at his home. Gene is making slow but sure progress. **Betty Durisin**, of Cost Department, has left the Department to take up the duties of a home-maker. We all were sorry to see Betty leave and wish her luck and a quick return of her Joe from Japan. Speaking of Japan, we understand **Sgt. Neil Kennedy** of the Marine Corps is back in the States and expects to be home shortly. Glad to see **Mary Harris** again at her desk in **Bill Wildblood's** office after an extended illness. **Frankie Fieman** and family vacationed over the holidays at Farmingdale. **Josephine Cintia** of the Mail Room has been under the doctor's care at the University of Pennsylvania Hospital in Philadelphia. We hear Jo is coming along fine and will be back with us soon. **Anne Ludwig**, formerly of the Cost Department, became the mother of a baby boy on Sunday, January 13th. **Elmer Boscov** has been released by the Navy and will be back in the Department after a vacation.

EQUIPMENT ITEMS

JAMES O'ROURKE

Sympathies of Fernwood are extended to **Ray Snedecker**, Equipment Operator, on the death of his mother who passed away at her home in Princeton on December 11th.

Back again at Fernwood is **Kenneth Emmons** following his honorable discharge from the Army at Fort Monmouth on December 11th.

Willard Emmons is busily scanning the road maps between Trenton and Florida. Our Chief Mechanic looks forward to a vacation during the month of February in the sunny South.

Back at work after being honorably discharged from the Motor Transport Corps of the U. S. Marines is **Bill Christiansen**. He is again covering Central Jersey as a Road Mechanic and is once again taking care of the mechanical troubles of his old friends.

All Fernwood is rooting for the speedy recovery of **Mrs. Frank C. Young**, who was stricken very suddenly at her home in Cranford on Sunday, January 6.

Recipients of welcome telephone calls were **Jack Whitlock**, whose son, **Sergeant John**, returned from the European theatre of operations on January 8th; **Morgan V. Ahliss**, whose son, **Lieut. Morgan, Jr.**, called from San Francisco on his arrival back from the Pacific theatre on Sunday, January 6th,—he is en route to Fort Dix for separation, where his needs will be well taken care of by his youngest brother who is attached to the Officer Separation Center there. **Joe Thiel** also received a phone call from his marine son who arrived in Frisco from Peiping, China, after nearly three and one-half years in the South Pacific.

Four men on the Fernwood sick list, namely, **Leon Anton**, **Geo. Kutch**, **Pop Borden** and **Joe Maestrobattista** were remembered with baskets of fruit by their fellow employees.

Three ex-G. I. Joes, **John Kirk**, **Walter Kendall** and **Alex Szombaty**, have been added to the Mechanical Staff at Fernwood. To them we extend a hearty welcome.

Fair Exchange

Jimmie Corrente, of **Foreman J. P. Lutz's** maintenance crew operating out of the Newark Garage, was sweeping on the elevated highway through Elizabeth the other day when he found an envelope containing \$75.00 in cash. There were no means of identification of the owner, but through the Lost and Found Columns **Jimmie** contacted the rightful owner and returned the envelope with the money intact. The man who lost the money was **Mr. Ernest Grassle**, proprietor of a meat and grocery store on Fairmount Avenue, Elizabeth. **Jimmie** received a liberal cash award and a steak which he says would have taken a good slice of the \$75.00 to purchase. Virtue is more than his own award!

MAINTENANCE NOTES

—GENE BECKNER—

Once again it is a pleasure to commence this column by welcoming back the following employees to the Maintenance Division following their honorable discharges from military service: **Arnold Conine**, of Allentown; **James Fox**, of Burlington; **Paul Pavlik**, of Montville; **Harry Farnsworth**, of Hightstown; **Bob Morgan**, of Trenton; **Ernie Van Schoick**, of Farmingdale; **Elwood Taylor**, of Browns Mills; **Nick Cutter**, of Morristown; **Steve Pointek**, of Marlton; and **Michael Yanniello**, of Mays Landing. **Albert Bein**, who formerly lived up in Bergen County but who since his discharge has been residing in Brooklyn, has been granted additional time before being required to report for active duty.

It's good to see **Supervisor Lew Klockner** back on the job again after a siege of illness during the month of December. **Supervisor John Kelly** has also been on the sick list, but he too is now back working.

The Maintenance Division is proud of the fact that four of its members were among the recipients of Departmental Awards for outstanding service during the year 1945. Three of them also received additional prizes of war bonds for suggestions deemed most meritorious. Our congratulations to **Foreman Charles Weller** and **Dewitt Herbert**, Assistant Foreman Benjamin Cleave, and to **Claims Supervisor Charles I. Levine**. Those suggestions really paid the boys dividends, and we hope their experience will prove the incentive to maintain our enviable record. Get your suggestions in, fellows!

It is with deep regret that we report the deaths of four veteran maintenance employees during the past month. **Landscape Foreman Fred Floel**, who was in charge of landscape maintenance throughout Burlington County and surrounding territory, died at his home in Moorestown on Monday, December 24th. **Frank Rossi**, of Raritan, who worked in the Maintenance Crew under **Foreman Joseph Smith**, died here in a Trenton hospital early in December. **John R. Becker**, of Bloomsbury, who had worked in the maintenance crew now under the supervision of **Foreman Paul Haney** for the past 20 years, passed away Saturday, December 29th. **Raymond Nichols**, of Denville, who worked in the landscape maintenance crew under **Foreman Arthur Marshall**, died at his home on Thursday, January 3rd. To the surviving families of all these men we extend the heart-

felt sympathy of the State Highway Department employees.

Booker Edmunds, who works in **Foreman Fred Sprengel's** crew down in Monmouth County, has been ill for some time. **Booker** has been one of the stalwarts in this crew since his employment way back in 1927, and we all hope that we will soon see him back on the job.

John Bischoff, of **Foreman Raymond Hildebrand's** Warren County crew, has also been seriously ill for the past month or so. Latest reports indicate that he may be able to resume work soon.

The Division's Office Xmas Party was held at Heidelberg Inn on Friday afternoon, Dec. 21st. Those in attendance were **Jimmy Walter**, **Tony Kuhn**, **Paul Ljutich**, **Ken Craft**, **Jim Dowling**, **Charlie Fearnley**, **Earl Storer**, **Charles Doherty**, **Gene Beckner**, **Norm Horner** and **Gerry Cahill**. **Bill Hunt** and **Dewitt Herbert** were also on hand, having attended the Department's Annual Xmas earlier in the day.

PLANNING SURVEY

Since the field work on the Origin and Destination Survey is complete, the following are now back in the office: **Joe Natalie**, **Johnny Christiano**, **Charlie Freeman** and **Ed Strack**. **Mauri Radus** and **Larry Kavanaugh** are still with us. **Maury** is compiling some special information on the O. & D. Survey, assisted by **Johnny Christiano** and some of the temporary employees.

Joe Natalie and his crew are busy these days getting the Internal Interviewing data in shape. **Louise Becker** also has a crew stepping. All in all, this office is really humming.

Charley Freeman expects his 2 boys home from the service in March.

Dick Uth is back after 2 years in the navy. **Dick** saw action in both the Atlantic and Pacific theatres of war. "Signor" **Delgado**, who travelled quite a bit in his day, is very interested in **Dick's** stories of the peoples of Europe, Japan and the Philippines.

Stephen Burrows, formerly of the Morristown Maintenance gang, is a welcome addition to this office. **Frank Williams**, at present with this office, is a member of the American Federation of Labor Executive Board, and a member of the War Labor Board. He helped settle some of the largest dispute cases, and is the recipient of the Certificate of Merit. Nice going.

Al Maspoli is awaiting word from the State Department regarding a passport to Switzerland, where he intends to go to settle an estate. **Al** would like to take with him a new Oldsmobile, so that he may do a little touring in Italy, Germany and France. (How about being your chauffeur, **Al**?)

Florence Bustante says she is worn to a frazzle, what with a house full of relatives that dropped in for the Xmas holidays, and are still lingering on. Take a tip from me, **Mrs. Bustante**, and stop dishing out such swell apple pies, etc.

Mrs. Hilda Rattaspe, **Mrs. May McClellan** and **Miss Elizabeth Ward** are welcome additions to this office.

Our I. B. M. operator, **Pres Northrop**, is the Planning Survey photographer. **Pres** has promised to take a group picture of the employees in the Department for publication in THE HIGHWAY.

We've seen him in over three years—he is certainly a welcome sight. **Tom** intends to take two or three weeks vacation before starting work.

Word has reached us that **Captain George Kraus** has arrived in California from Okinawa and is due at Fort Monmouth for discharge January 15th.

PROJECTS PARAGRAPHS

—E. L. MEYER—

The Annual Projects Party, given by the State Aid Projects Engineers for the office employees, was held on December 27th at the Club Condado.

About thirty-five persons attended and enjoyed dancing to the music of a four-piece orchestra.

A fine chicken dinner was served and in the absence of **Mr. Reed**, **Mr. Harris** and **Commander Guido Forster** did the speaking.

Thanks again to the State Aid Projects Engineers for a thoroughly enjoyable time.

Both **Mr. and Mrs. Reed** were unfortunate enough to be ill during the Christmas holidays. However, they had recovered sufficiently to visit their son in Fremont, Ohio, over the New Year.

Corp. Frank Deacon called in the office to see us just before Christmas. He is still on active duty and doesn't expect to be out of the army till Spring. He is located at Camp Campbell, Kentucky.

After a year and a half's absence from competition, **Bill Carnival** is once again bowling with the Highway League. As the Projects Division has no team this year, **Bill** is bowling for the Fernwood Office.

Captain Tom LaBar and his father visited the office the 7th of January. **Tom** is just back from Okinawa and it is the first time

Many Employees Honored At Christmas Ceremonies

Victory Bonds Awarded for Outstanding Suggestions; Others Receive Certificates of Merit

A record was established at the annual Christmas gathering when eleven Highway employees were awarded merit certificates for outstanding service to the Highway Department. Among this group were four employees whose suggestions, as received by the Suggestion Committee, were deemed to be of sufficient value to entitle them to additional awards of \$25 Victory Bonds.

The bonds were presented to Maintenance Foremen, DeWitt S. Herbert and Charles Weller, maintenance employee Benjamin Cleave, and Bridge Operator Stanley Lukasiewicz, by representatives of the Ten Year Club, the Bridge Division Club, the State Bridge Employee's Association, and the Highway Foreman's Association, which organizations had offered these awards since Highway funds are unavailable for this purpose.

Several hundred employees of the Trenton offices and Fernwood took part in the colorful program which included addresses by Commissioner Miller and State Highway Engineer Charles M. Noble, as well as the singing of favorite Christmas carols to the accompaniment of a string trio composed of Albert Getz, George Kutch and Dominic Torini.

Following a moment of silence in tribute to those Highwaymen who had paid the supreme sacrifice in the recent war, Dean Fredrick M. Adams of the Trinity Cathedral in Trenton offered a prayer for lasting peace. Commissioner Miller was then presented to the gathering by Mr. A. Lee Grover and officiated at the Certificate of Merit presentations as well as announcing the winner of the Suggestion Box poster contest. Following this feature of the program the Commissioner spoke of the significance of this post-war Christmas and welcomed back our returning servicemen.

Certificate of Merit Awards

In making his first appearance since his recent appointment as State Highway Engineer, Commander Noble spoke of re-establishing New Jersey in the vanguard of highway construction, a position he felt had been relinquished during the years of depression when State Highway funds had been channeled to other fields. He felt that the passage of the Free-way and Parkway Bill would permit us to supply the motorists of this State with transportation facilities equal or superior to those enjoyed in neighboring states.

Certificates of Merit awards went to the four employees receiving bond awards as well as to Lawrence Hock and Joseph Martine, who suggested filling in the car tracks on the Route 3 (Secaucus Creek) Bridge to prevent the nu-

merous skidding accidents; George A. Hefferman for submitting a workable suggestion for the establishment of the Highway Library; Armand Innocenzi who suggested a master control for illuminated signs at intersections; Charles I. Levine for his work in publishing the State Highway Safety Manual; Frank Ball and Richard Yentsch for their presence of mind in saving a man from drowning at the Cooper River Bridge in Camden; and W. Carman Davis who designed the winning poster.

Victory Bond Awards

The Victory Bond awards were made as a result of the following suggestions which were deemed to be the most outstanding received during the past year. Charles Weller submitted a redesign for bridge approach slabs to withstand the stress of mud-jacking without cracking. This suggestion led to the appointment of a committee by Mr. C. F. Bedwell, which made a complete study of the question and evolved an approach slab design which it felt will be thoroughly satisfactory.

Stanley Lukasiewicz suggested a drawbridge gate sign which reads "Go On Green Only." This sign was installed for trial purposes and proved to be so successful in operation that all bridges will be so equipped in the near future.

Adds Grader Blade

De Witt Herbert equipped his grader with a second blade which had the effect of saving valuable time in grading shoulders along the highways in his maintenance section. He submitted this suggestion and it is understood that all graders will be similarly equipped as soon as materials and manpower are available.

Benjamin Cleave suggested a method of guard rail installation which would, in his opinion, reduce deterioration. This suggestion led to the establishment of a series of tests in an effort to determine the best method of combating rot and in this manner lengthening the life of guard rail posts.

No story of the Christmas gathering would be complete without a word of praise to Master of Ceremonies A. Lee Grover for a job well handled, to Supervisor Robert Green and his men for the manner in which the board room was decorated for this occasion, and to Frank Reddan for arranging a most enjoyable program.

CERTIFICATE OF MERIT WINNERS



These are the men who received Certificates of Merit for contributions of outstanding value to the Highway Department during the past year. In the front row from the left they are: George Hefferman, Charles Levine, Stanley Lukasiewicz, Frank Ball and Richard Yentsch. In the back row are: Lawrence Hock, Joseph Martine, Charles Weller, Benjamin Cleave, Commissioner Miller, and Armand Innocenzi.

State-Wide Planning Survey

(Continued from Page 1)

main connecting roads insofar as the physical characteristics of the roads were concerned.

In addition, an inventory of all grade crossings in both rural and urban areas was made, either by actual survey or through access to the records of the Public Utility Commission. These records have further been supplemented by accident data and by train movements covering the period since 1933.

On all State Highways and main county roads, critical grades, curvatures and sight distances were measured and noted.

County Maps Prepared

County maps have now been drafted which show the data assembled through the field survey. These maps show all public highways and culture adjacent to them in all rural areas, corporate lines, parks, recreational areas, lakes and streams. To secure the greatest accuracy and detail, the maps were drawn on a scale of 4" to the mile with the grid system of the United States Coast and Geodetic Survey as a base.

For ease and convenience in handling, they have been reduced to a scale of 2" to the mile. Most monuments and triangulation stations are shown, and in the interests of accuracy all available information of other agencies were incorporated, such as traverses on

State Highways, county roads and railroads, as well as riparian, county and corporate line surveys.

Base maps of New Jersey's 21 counties are now available, both in large and small scale, with this and other factual data appearing on them. A map of the entire State on a large scale will soon be ready, which is a composite of the several county maps.

In addition to the above maps a second series of maps was made by duplicating the original tracings. These maps are 4" to the mile and upon them appears the types of pavement of all rural roads and all through roads in urban areas. In addition to this, the distances between important intersections are shown.

To further present the results of the survey, a third series of maps at 2" to the mile has been made which shows the 24 hour annual traffic count on all New Jersey roads.

This information, which has been gathered throughout the years, is now readily available to all divisions of the State Highway Department. Requests should be made to Sigvald Johannesson, Chief of the Planning Bureau or to Vincent Berberick, Engineer-in-Charge, Planning Survey at the Newark office.

Note: This is the first of two articles which are being printed to better acquaint officials and others throughout the Highway Department with the type of information which is yours for the asking. The second article will appear in the February issue of THE HIGHWAY.—Ed.

Electrical Wins First-Half Title

Department Keglers Hold Mid-Season Banquet

First half honors in the Department Bowling League were won by the team representing the Electrical Division when they defeated the Equipment Division Club on the final night of the first half, 2 games to 1.

The Electrical Division team is captained by John Kilpatrick and other members are Tony Kuhn, Art Cadell, Herman Innocenzi, Frank Walsh, and anchor man Johnnie Radice. While this group boasts of no formidable average, they have done their best bowling with the chips down as their first half record of 29 victories against only 13 defeats testifies.

The runner-up team with 28 wins and 14 losses was Equipment composed of Russ Cook, Ed. McCabe, "Porky" Stevens, O. Brachel, Johnnie Prez, and Captain Tim Brennan.

2nd Half Underway

With four sessions of the 2nd half played, three clubs are now tied for first place with a record of 8 victories and 4 defeats—Equipment, Administration, and the Maintenance Painters.

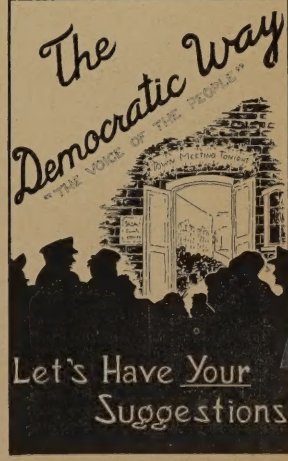
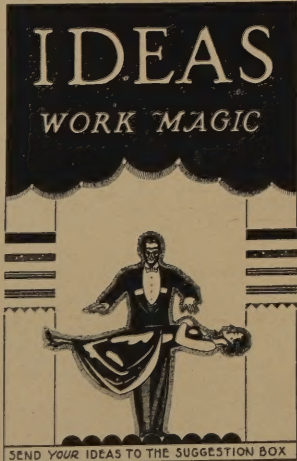
Chris Kucker, of the Inspection team, still retains high average honors with an excellent 170. The five high average bowlers including games bowled on Friday, January 11th, are:

1. Chris Kucker (Inspection) 170
2. Peter Tuozzolo (Admin.) 168
3. Tim Brennan (Equipment) 168
4. Mark Stevens (Equipment) 167
5. John Radice (Electrical) 161

On Tuesday evening, December 18th, the mid-season bowling banquet was held at the Locust Cafe, Locust Street, Trenton, and over 50 bowlers and friends attended. An excellent Italian chicken dinner was served, and even Norm Horner, who has a notoriously heavy appetite, had ample to eat. League President John Rochford presided at the head table where the various team captains held forth. Considerable good natured banter flew back and forth but "Rocky" maintained good order.

John Kilpatrick, captain of the winning Electrical Division team spoke briefly as did Treasurer Earl Storer and the various other team captains and representatives, including the dean of all the Department bowling enthusiasts—Warren Oldham of the Administration Club. Everyone had a most enjoyable time and all are looking forward to the social event which will signal the end of the bowling season this coming spring.

The Winning Posters



Theses posters drew the highest number of votes from the judges for use by the Suggestion Box during the coming year. On the left is the winning design submitted by W. Carman Davis, while the other four are those receiving Honorable Mention. The second poster from the left is the work of Arthur J. Lichtenberg, the next is a second design entered by Mr. Davis, while the poster on the right was drawn by Miss Ruth Moran. A fifth poster, also receiving Honorable Mention, appears elsewhere. In the opinion of the judges there was a decided up-grading in the quality of the entries in this year's contest and there was little to choose between any of the designs submitted.